



Circle Of Life
ANNUAL TALKS 2020

The Circle of Life

2020 NCBS Annual Talks

TUESDAY, JANUARY 14, 2020

Time	Speaker	Title
9.00 am onwards	Review board meeting	
Inscribing the past, present and future		
<i>Chair: Jahnvi Phalkey</i>		
5.00-5.15pm	Venkat Srinivasan	A year in the Archives at NCBS
5.15-5.30 pm	Suresh K	Electrical Energy Conservation Programme on Campus
5.30-5.45 pm	Lena Robra	Bengaluru Sustainability Forum – A local collaborative initiative towards a better Bengaluru
5.45-6.00 pm	Smita Jain	Engaging Communities, Enabling Change
6.15-7.00 pm	Cultural program	



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WEDNESDAY, JANUARY 15, 2020

Time	Speaker	Title
<i>Chair: Satyajit Mayor</i>		
9.00-9.45 am	Gagandeep Kang	Overlooked and under-estimated: Typhoid in India
From Life to Death		
<i>Chairs: Aadish Dani and Sreelaja Nair</i>		
9.45-10.15 am	Sudhir Krishna	Viral diseases in India and Africa: small steps, but big challenges
10.15-10.45 am	Radhika Venkatesan	Tritrophic Interactions: From Ecology to Application
10.45-11.15 am	Coffee	
11.15-11.30 am	Ashwin Nair	Post-translational modifications play decisive role in plant-geminiviral interactions
11.30-12.00pm	Shashi Thutupalli	Life after death
12.00-12.30 pm	Deepa Agashe	Adapt or bust? Predicting adaptive dynamics under new challenges
12.30-1.00 pm	Satyajit Mayor	Bringing membranes to life
1.00-2.00 pm	Lunch	
2.00-4.00 pm	Posters	
Growing up and learning		
<i>Chair: Sachin Deshmukh</i>		
4.00-4.30 pm	Vatsala Thirumalai	Speed control in animals: making and breaking rules
4.30-4.45 pm	SK Dhanya	Role of STIM1 in regulating gene expression and synaptogenesis in Cerebellar Purkinje neurons
4.45-5.15 pm	Hiyaa Ghosh	Adult neural stem cell: beyond the neuronal and glial potential
5.15-5.30 pm	Pavan Kumar Kaushik	Characterizing long-range search behavior in flying insects using complex 3D virtual environments
5.30-6.00 pm	Coffee	
<i>Chair: Mukund Thattai</i>		
6.00-6.45pm	Boris Shraiman	The Physics of Morphogenesis
7.00 pm	Dinner	



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THURSDAY, JANUARY 16, 2020

Time	Speaker	Title
Timing is critical		
Chair: Ramkumar Sambasivan		
9.00-9.30 am	M K Mathew	STIM and Hakuna Matata: On Being the Right Time
9.30-10.00 am	Dimple Notani	Role of eRNAs in enhancer assembly
10.00-10.15 am	Zeenat Rashida	Raptor/Kog1 regulates AMPK/Snf1 activation for metabolic rewiring under nutrient limitation
10.15-10.45 am	Krushnamegh Kunte	Evolution and developmental genetics of polymorphic mimicry in the <i>Papilio polytes</i> butterfly
10.45-11.15 am	Coffee	
Chair: Vatsala Thirumalai		
11.15 am-12.00 pm	Rishikesh Narayanan	The changes within: Intrinsic plasticity in hippocampal neurons
Keeping it together: Maintaining cohesion and balance		
Chairs: Vaishnavi Ananthanarayanan and Roop Malik		
12.00-12.30pm	Mukund Thattai	Controlled biomolecular assembly using sloppy enzymes: A computer scientist's view of the Golgi apparatus
12.30-1.00 pm	Shruthi Viswanath	Probing aspects of cell division by integrative structural modeling
1.00-2.00 pm	Lunch	
2.00-4.00 pm	Posters	
4.00-4.30 pm	Madan Rao	Nonequilibrium self assembly of a system of Golgi cisternae
4.30-4.45 pm	Mohak Sharda	Comparative genomics indicates a differential non-homologous end joining (NHEJ) repair trait in bacteria
4.45-5.15 pm	Raghu Padinjat	Passing the parcel inside cells
5.15-5.45 pm	Coffee	
Chair: Uma Ramakrishnan		
5.45-6.30pm	Scott Edwards	Enhancers and the evolutionary genomics of flightlessness in birds
7.00 pm	Dinner	



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FRIDAY, JANUARY 17, 2020

Time	Speaker	Title
Talking it out		
<i>Chair: Rajagopal Srinivasan</i>		
9.00-9.30am	Sandeep Krishna	The chemical basis of metabolic interdependence
9.30-10.00am	R Sowdhamini	Interactions in proteins: Honey, I changed my mind
10.00-10.15am	Siladitya Bandopadhyay	Discovery of iron-sensing riboswitches
10.15-10.45am	Raj Ladher	The Push and Pull of the Inner Ear
10.45-11.15am	Coffee	
Expanding horizons: Opening the circle		
<i>Chair: R. Sowdhamini</i>		
11.15-11.35am	Mahendra Rao	Accelerator Programme for Discovery in BrainDisorders - A national resource of linked clinical,molecular, genetic and physiological records
11.35-11.55pm	Jayashree Ratnam	Capacity-building for conservation science in India: 15 years of the MSc Wildlife Program
11.55-12.15pm	Praveen Vemula	Enabling ecosystem at BLiSc to foster science-entrepreneurship
12.15-12.35 pm	Shameer Khader	Digital Transformation of Biomedicine using Machine Intelligence
12.35-12.50 pm	Satyajit Mayor	NCBS Today and in the future
1.00-2.00pm	Lunch	
2.00-4.00pm	Posters	
4.00 pm onwards	Board Meeting	
5.30 pm	Poster awards	